

NATIONAL LIBRARY OF MEDICINE

Bethesda, Maryland



Falconar (m)

A

S Y L L A B U S

OF A

COURSE of LECTURES

ON

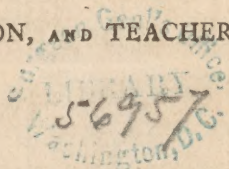
P H Y S I O L O G Y,

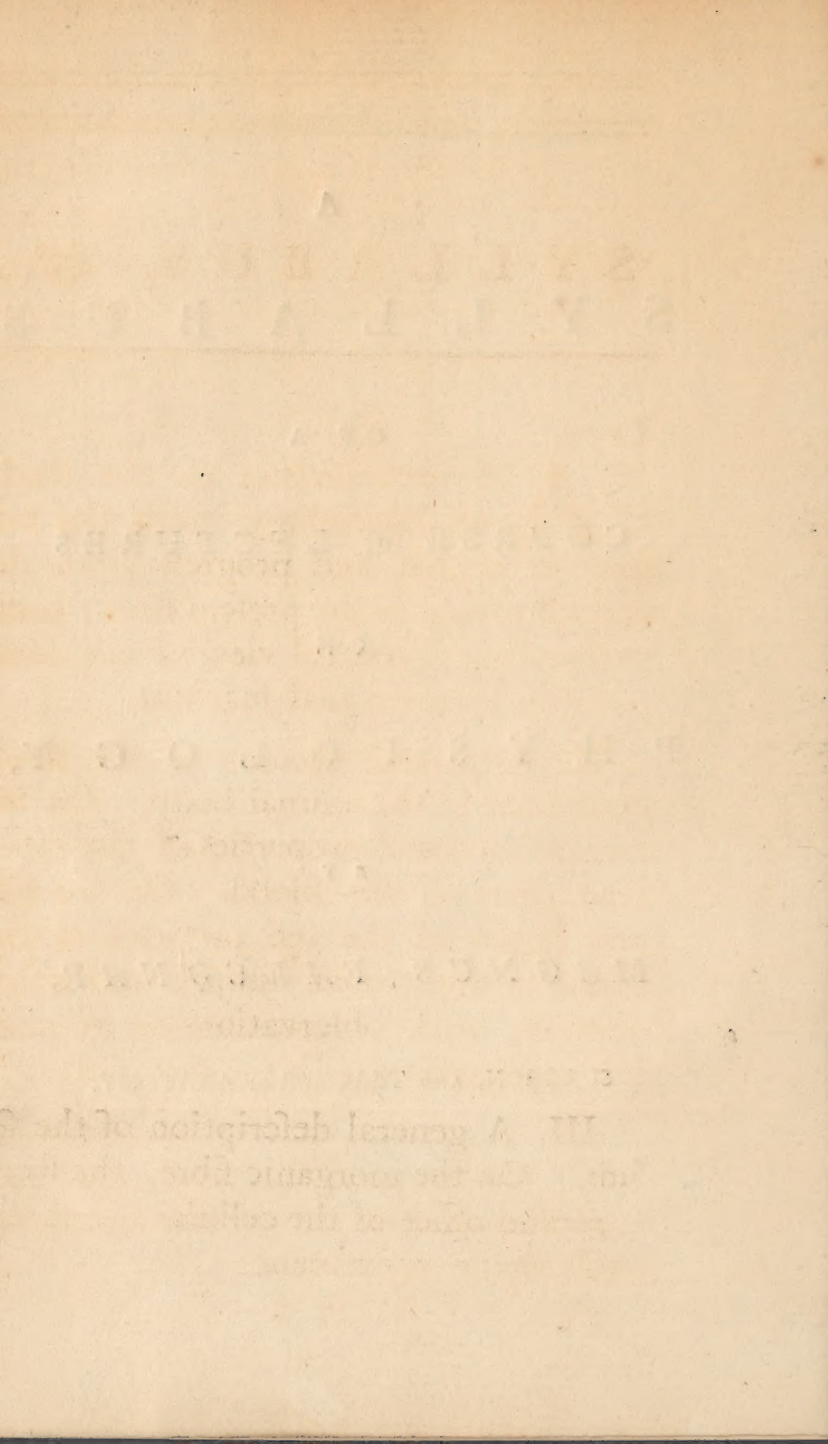
BY

MAGNUS FALCONAR,

SURGEON, AND TEACHER OF ANATOMY.

Box





A

S Y L L A B U S, &c.

LECT.

I. **A**N introduction to the study of Physiology, with the history of its rise and progress from the earliest period to the present time; comprehending a general view of the composition of an animal machine.

II. A general account of the fluids contained in the animal body. On the composition and properties of the different parts of the blood. On the size and figure of the red particles of the blood in the human subject and other animals, with observations on its morbid appearances.

III. A general description of the solids. On the inorganic fibre, the structure and office of the cellular membrane and adipose membrane.

IV. On the other species of solids, as the ligamentous, the tendinous, the nervous, and the muscular fibre; with an explanation of the doctrines of sensibility and irritability.

V. On the structure and office of the vascular system, and particularly of the arteries. On the circulation of the blood, and on the doctrine of the pulses.

VI. On the structure and office of the veins. On the difference between arterial and venous blood, with remarks on some of the diseases of the vascular system.

VII. On the structure and office of the lymphatic system, the history of its discovery, with an exhibition of the lymphatic vessels in the human subject and in other animals.

VIII. On glands and secretions in general.

IX. On the different classes of glands, their peculiarities explained, and their minute structure demonstrated.

X. On the appendages to glands, with an account of the manner in which glands perform their offices.

XI. On the properties of the lymph and interstitial fluid, with an inquiry into the doctrine of transudation, observations on inflammation, suppuration, and its consequences.

XII. On the structure of bone, periosteum and marrow.

XIII. On the manner in which bones are formed and reunited

XIV. A general view of the skeleton, the connexion, composition and uses of its several bones explained, with remarks on the joints, the different motions of the limbs, and the muscles that move them.

XV. On the abdominal and thoracic viscera, with remarks on respiration.

XVI. On the structure and offices of the liver and pancreas.

XVII. On the structure of the œsophagus and stomach.

XVIII. On the structure of the intestinal tube.

XIX. An enquiry into the functions of the chylopoetic viscera, and on the theory of digestion.

XX. On the structure and office of the spleen, thymus and lymphatic glands, with an enquiry into the formation and composition of the red particles of the blood.

XXI. On the structure of the heart and lungs.

XXII. On the physiology of the heart and lungs, with an enquiry into the circulation of the blood, and the history of its discovery.

XXIII. On the structure of the glandulæ renales and kidneys, with remarks on the secretion of urine.

XXIV. On the structure of the brain, spinal marrow and nerves.

XXV, On the physiology of the brain and nerves.

XXVI. On the structure of the integuments of the body. On the organ of touch, with remarks on perspiration.

XXVII. On the structure of the parts subservient to the eye, and on the coats and humours of the eye ball.

XXVIII. On the theory of vision with remarks on some of the diseases of the eye.

XXIX. On the structure of the nose and tongue, with remarks on the senses of the smell and taste.

XXX. On the organ of the voice, and on the structure of the external ear.

XXXI. On the structure of the internal ear, and the theory of hearing, with remarks on some of the diseases of the ears.

XXXII. On the structure of the male organs of generation.

XXXIII. On the structure of the parts subservient to generation in the female.

XXXIV. On the structure of the uterus with the change produced by pregnancy, the structure of the secundines, with an inquiry into the connection of the fœtus with the mother.

XXXV. On the peculiarities in the structure of the fœtus, and the progress of uterine gestation. On the structure of the breast, the secretion of milk; the catamenia, and the theory of generation.

Comparative Anatomy.

XXXVI. On the structure of quadrupeds.

XXXVII. On the structure of birds.

XXXVIII. On reptiles.

XXXIX. On the structure of fish.

XL. On insects.

Med. Hist.
WZ
260
F1665A
1770

